

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		ATTORNEY DOCKET NO. 232046 CLIENT REF. NO. E-191-2002/0-US-03 U.S. APPLICATION NO. 10/521930 Unassigned
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 USC 371 AND 37 CFR 1.491		
INTERNATIONAL APPLICATION NO. PCT/US2003/023290	INTERNATIONAL FILING DATE 24 JULY 2003 (24.07.2003)	PRIORITY DATE CLAIMED 24 JULY 2002 (24.07.2002)
TITLE OF INVENTION CHONDROPSIN-CLASS ANTITUMOR V-ATPase INHIBITOR COMPOUNDS, COMPOSITIONS AND METHODS OF USE THEREOF		
APPLICANT(S) FOR DO/EO/US Boyd et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 USC 371 and 37 CFR 1.491. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 USC 371(f)). 4. <input checked="" type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (PCT Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 USC 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 USC 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 USC 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)). 11. Nucleotide and/or Amino Acid Sequence Submission a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying identity of above copies		
Items 12 to 19 below concern other document(s) or information included:		
12. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of References (except for U.S. patents and applications) 13. <input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 14. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input checked="" type="checkbox"/> Application Data Sheet Under 37 CFR 1.76 18. <input checked="" type="checkbox"/> Return Receipt Postcard 19. <input checked="" type="checkbox"/> Other items or information: PCT/US2003/023290 International Search Report		

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20. The following fees are submitted:

☒ **Basic National Fee (37 CFR 1.492(a)(1)-(5)):**
 (\$300 filing fee + \$200 examination fee + \$500 search fee) \$1,000.00
 Neither international preliminary examination fee (37 CFR 1.482)
 nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
 and International Search Report not prepared by the EPO or JPO
 International preliminary examination fee (37 CFR 1.482) not paid to
 USPTO but International Search Report prepared by the EPO or JPO
 International preliminary examination fee (37 CFR 1.482) not paid to USPTO,
 but international search fee (37 CFR 1.445(a)(2)) paid to USPTO
 International preliminary examination fee paid to USPTO (37 CFR 1.482)
 but all claims did not satisfy provisions of PCT Article 33(1)-(4)
 International preliminary examination fee paid to USPTO (37 CFR 1.482)
 and all claims satisfied provisions of PCT Article 33(1) to (4)

ENTER APPROPRIATE BASIC FEE AMOUNT=				\$1,000.00	
<input checked="" type="checkbox"/> Claim Fee					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	22	-20=	2	x \$ 50.00	\$100.00
Independent Claims	2	- 3 =	0	x \$ 200.00	\$
<input type="checkbox"/> Multiple Dependent Claim(s) (if applicable)				+ \$360.00	\$
<input type="checkbox"/> Application Size Fee (\$250 for each additional 50 sheets over 100)					\$
<input type="checkbox"/> Surcharge of \$130.00 for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date					\$
TOTAL OF ABOVE CALCULATIONS=				\$1,100.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ ()	
SUBTOTAL=				\$1,100.00	
<input type="checkbox"/> Processing fee of \$130.00 for furnishing English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date.				\$	
TOTAL NATIONAL FEE=				\$1,100.00	
<input type="checkbox"/> Fee for recording the enclosed assignment. The assignment must be accompanied by an appropriate cover sheet. \$40.00 per property				+	\$
TOTAL FEE=				\$1,100.00	
				Amount to be: refunded	\$
				charged:	\$

a. ☐ No fee is believed to be due.


b. ☒ Please charge Deposit Account No. 12-1216 the total fee indicated above.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to
Deposit Account No. 12-1216. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO CUSTOMER NO.
45733:

45733


 Xavier Pillai, Registration No. 39,799
 Leydig, Voit & Mayer, Ltd.
 Two Prudential Plaza, Suite 4900
 180 North Stetson Avenue
 Chicago, Illinois 60601-6780
 (312) 616-5600 (telephone)
 (312) 616-5700 (facsimile)
 Date: January 24, 2005

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CERTIFICATION UNDER 37 CFR 1.10


"Express Mail" Label Number: EV335717231US

Date of Deposit: January 24, 2005

I hereby certify that this transmittal document with respect to the U.S. national phase of the above-referenced International Patent Application, including all of the items listed thereon as enclosures, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Xavier Pillai

Printed Name of Person Signing: _____


Signature _____